NEW

Software Access Point version

WL-107g

Share Internet Access Wirelessly

Feature

• Standard compliant with IEEE 802.11g and IEEE802.11b

• Excellent receiver sensitivity for best-in-class range

• Superior performance in real-world operating environments even in presence of other wireless LAN, Bluetooth TM devices and microwave oven interference

• Lowest CPU utilization design leaves system resources available for other functions

• Enhanced Security

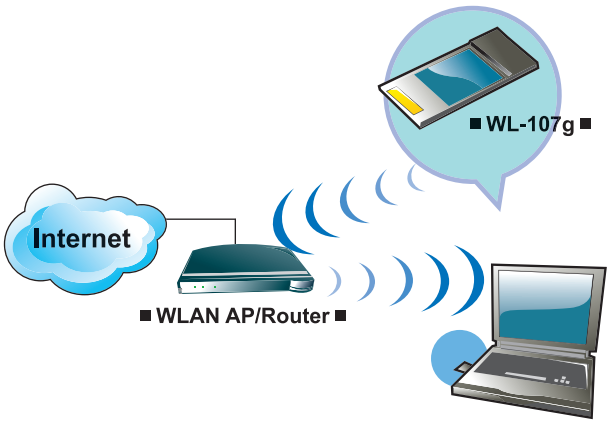
• 64/128 bit WEP support
• Work with Windows XP SP1 security WPA functions

• Easy Installation and management

• Seamless Microsoft XP zero-configuration integration with advanced utilities and common GUI for legacy OS
• Easy to use with drivers for Windows XP, Windows 2000, Windows ME, Windows 98 SE and Linux Redhat (version7.1 or later)
• Profile Auto-Switch function enables seamless roaming between home, office and café.

• Software AP with NAT

• **NAT(Network address translation) support:** Internet connection sharing
  • Create a software AP on your notebook with ASUS WL-107g cardbus adapter and share Internet access with others. With NAT function, the WL-107g software AP allows all the computers on your home network to share one single IP address.
• **Cost-saving**
  • The WL-107g not only acts as a wireless client but also turns your notebook into a wireless AP.
• **Space-saving**
  • Eliminating an actual AP and the knots of cables and wires.



Note: All software AP fanctions are only available under window XP OS.

Specifications

Host interface	• 32-bit Cardbus, type II, 3.3V only
Network Standard	• IEEE 802.11g, backward compatible with 802.11b device
Data Rate	• 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps • 802.11b:1, 2, 5.5, 11Mbps
Modulation	• OFDM, CCK (11Mbps, 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
Technology	• OFDM and DSSS
Network Architecture Types	• Infrastructure and ad-hoc
Operating Frequency	• 2.412-2.462 GHz (N. America); 2.412-2.484 GHz (Japan); 2.412-2.472 GHz (Europe ETSI)
Operating Channels	• N. America: CH1~CH11 • Worldwide: CH1~CH13 • Japan: CH1~CH14 (802.11b) and CH1~CH13 (802.11g)
RF Output Power	• 14 ~ 17 dBm (at nominal temp. range)
Antenna	• Two onboard Inverted-F antenna to support diversity
Range	• Indoor 130 ft (40 m), outdoor (LOS, Line-Of-Sight) 1000 ft (330 m) • The range may vary from different environments
Receiver Sensitivity	• PER< 8% @ length=1024 octets (at nominal temp. range) • 11Mbps: -82 ~ -85 dBm; 54 Mbps: -68 ~ -70 dBm;
Power Consumption	• TX power consumption:350~450 mA • RX power consumption :250~350 mA
WEP	• 64/128-bit WEP; each includes 4 user-defined keys • Support WPA (under WinXP SP1 or later)
Utilities	• Mobile control center: Integrate all tools and indicate real time status information on system tray • Setup wizard:set up WL-107 in a step-by-step way. • Trouble shooting: Diagnose and configure your wireless network settings with online trouble shooting feature • Mobile manager: Support automatic roaming and network reconfiguration between different locations • Site Moniter: Explore your wireless networking topology with ease
Windows XP Compatibility	• Native support for all built-in WLAN functions, like Zeroconfig, Media Sense and 802.1x
Support OS	• Windows 98SE , ME, 2000, XP and Linux Redhat (after version 7.1)
LED Indicators	• LNK(Link); ACT(Activity)
Operating Temperature	• -10 ~ 55˚J
Storage Temperature	• -40~ 70˚J
Humidity (non-condensing)	• 5~95%
Emissions	• ETS 300 328 and ETS 300 826; CE Mark; FCC Part 15C, Section 15.247
Size	• 115 mm L* 54.0 mm W* 6.3 mm H(± 0.2)
Weight	• 45 g
Warranty	• Two-year limited warranty

ASUS WL-300g Wireless LAN Access Point

WL-300g

Support 54Mbps high speed IEEE 802.11g and compatible with IEEE802.11b

Feature

54Mbps high speed IEEE 802.11g
Compatible with IEEE802.11b WLAN standard

The WL-300g AP is the bridge between the Ethernet and wireless networks. As the perfect solution for the SOHO sector, the WL-300g supports WDS (wireless distribution system), meaning it has the capability to connect multiple IEEE802.11b/g access points. Additionally, the all-new AP can operate in a router mode to allow simultaneous wireless networking between multiple users.

- **WPA (Wi-Fi Protected Access) support**

For maximum data protection, the WL-300g employed WPA (Wi-Fi Protected Access) and a unique wireless firewall found only on ASUS wireless solutions. WPA supports TKIP, AES, WPA-PSK as well as 802.1x authenticated WPA networks.

- **WDS (wireless distribution system) support**

With this advanced technology, MIS professionals can establish multiple WLAN for optimal signal reception without wasting cost and time in laying down long winding cables. WDS allows direct connection between multiple WLAN through wireless communications instead of wired connectivity.

- **Power over LAN (IEEE 802.3af) support**

- **Multi-positioning methods to fit in different environment**

With Power Over LAN (POL, IEEE 802.3af) and multiple mounting accessories, the WL-300g can be mounted on walls and cubicles and hang from ceilings.

- **Support roaming to other IEEE 802.11g/IEEE 802.11b compliant adapters connected by the Ethernet to extend the network coverage**

- **High-sensitivity antenna system**

Specifications

Ethernet interface	• RJ45 for 100BaseT with auto crossover MDI/MDI-X • Support IEEE802.3af Power Over LAN (POL)
Data Rate	• 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps • 802.11b: 1, 2, 5.5, 11Mbps
Antenna	• Two internal polarization diversity antennas, • One RF connector for optional external antenna
Range	• Indoor 130 ft (40 m), outdoor (LOS, Line-Of-Sight) 1000 ft (310 m) at 11Mbps • Indoor 80 ft (25 m), outdoor (LOS, Line-Of-Sight) 200 ft (60 m) at 54Mbps • The range may vary by different environment
Receiver Sensitivity	• PER<8% @ length=1024 octets (at nominal temperature range) • 11Mbps: -82 ~ -85 dBm; 5.5Mbps: -85 ~ -88 dBm • 2 Mbps: -88 ~ -91 dBm; 1 Mbps: -91 ~ -93 dBm
Encryption	• 64/128-bit WEP • TKIP, AES, WPA, WPA-PSK
Utilities	• Device Discovery: Discover all WL300g/WL500g/WL600 in network and help user to invoke Web Configuration page. • Firmware Restoration: Restore firmware while system enters rescue P, e.
AP operating modes	• Access Point mode: Standard based 802.11g Access Point, provide the roaming capability between Wi-Fi compliant Access Points Support both IEEE 802.11g, and IEEE802.11b WLAN standard • WDS mode Support Wireless Bridge functionality. • Hybrid mode: Standard based 802.11g Access Point and Wireless Bridge is supported.
LED Indicators	• Power, Wireless, Ethernet
DC Power Adapter	• AC Input: 100V~240V(50~60HZ); DC Output: 5V with max. 2 A current
Operating Temperature	• 0 ~ 55˚C
Size	• 40 mm L* 138 mm W* 150 mm H (± 0.2)
Weight	• 405 g excluding power supply

ASUS WL-160g wireless LAN USB2.0 Adapter

WL-160g

The WL-160 USB adaptor incorporated the OFDM modulation design to boost data transfer rate from IEEE802.11b's 11Mbps to 54 Mbps of the IEEE802.11g. The all-new Asus USB adaptor also laverages advanced features and utilities for easy WLAN management and ultimate networking security.

Feature

IEEE 802.11g USB adapter : 54 Mbps

A. Palm size

a. Body: 86 mm L* 62 mm W* 17 mm H

b. Easy to carry

B. Long range connection

a. Indoor 130 ft (40 m), outdoor (LOS, Light-Of-Sight) 1000 ft (310 m) at 11Mbps

b. Indoor 80 ft (25 m), outdoor (LOS, Light-Of-Sight) 200 ft (60 m) at 54Mbps

C. Compatible with all IEEE 802.11b/g devices

Flexible placement to fit in different environment

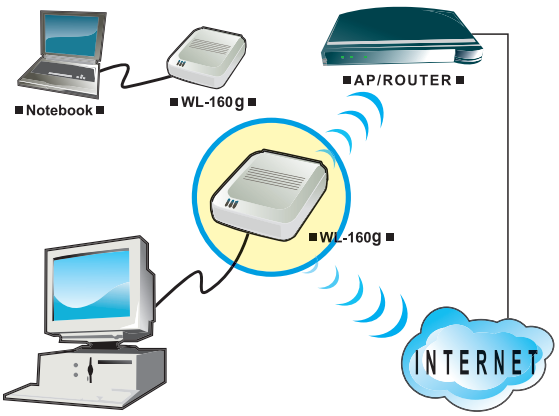
- Stand on the table
- Mounted on the wall

High sensitivity antenna system

- Support receiving diversity
- Two 3D Inverted-F antennas

Easy installation, management and maintenance

- Provide user-friendly Web-based management
- Automatic detect network environments and set proper IP address
- Upgrade firmware through Ethernet or wireless



Specifications

Ethernet interface	• USB2.0 interface, compatible to USB1.1
Data Rate	• 802.11g:Auto Switch 6 Mbps / 9Mbps / 12Mbps / 18Mbps / 24 Mbps / 36 Mbps / 48Mbps / 54Mbps • 802.11b:Auto Swtich 1 Mbps / 2Mbps / 5.5Mbps / 11Mbps
Modulation	• OFDM, DSSS
Technology	• 802.11b/g supported by high speed USB transmission
RF Output Power	• 15 ~ 18 dBm (at nominal temperature range)
Antenna	• Support receiving diversity • Two high sensibility Inverted-F antennas with omni-directional radiation in horizontal polarization
Range	• Indoor: 40m~ 100 m • Outdoor: 100 m~ 350m • The range may vary by different environment
Receiver Sensitivity	• PER< 8% @ length=1024 octets (at nominal temperature range) • 54Mbps : -68dBm~65dBM • 11Mbps: -82 ~ -85 dBm; 5.5Mbps: -85 ~ -88 dBm • 2 Mbps: -88 ~ -91 dBm; 1 Mbps: -91 ~ -93 dBm
Operating Frequency	• 2.412-2.462 GHz (N. America); 2.412-2.484 GHz (Japan); 2.412-2.472 GHz (Europe ETSI); 2.457-2.462 GHz (Spain); 2.457-2.472 GHz (France)
Security	• 64/128-bit WEP; each includes 4 user-defined keys
Utilities	• Mobile control center: Integrate all tools and indicate real time status information on system tray • Wireless setting: Diagnose and configure your wireless network settings with on-line trouble shooting feature. • Mobile manager: Support automatic roaming and network reconfiguration between different locations • Site survey: Explore your wireless networking topology through a handy way • Live Update: Download the newest driver and utilities from Internet
LED Indicators	• Power, Link, Activity
Operating Temperature	• 0 ~ 55˚C
Storage Temperature	• -20~ 70˚C
Humidity	• 5~95% (non-condensing)
Emissions	• ETS 300 328 and ETS 300 826; CE Mark; FCC Part 15C, Section 15.247
Size	• 86 mm L* 62 mm W* 17 mm H
Warranty	• 2 Year Limited Warranty

WL-138g

Feature

- **PCI bus power management interface specification 1.0 compliant**
- **ACPI 1.0 compliant**
- **IEEE 802.11b standard for 2.4 GHz Wireless LAN**
- **64/128 bit WEP encryption, driver upgradeable to support WPA**
- **PCI local bus specification Revision 2.2 compliant**
- **Reverse connector with a detachable antenna**
- **Supports Windows XP/98/ME/2000**

- **Rich add-on features and utilities**

Mobile control center:

Integrate all tools and indicate real time status information on system tray

Wireless setting:

Diagnose and configure your wireless network settings with on-line trouble shooting feature.

Mobile manager:

Support automatic roaming and network reconfiguration between different locations

Site survey:

Explore your wireless networking topology through a handy way

Live Update:

Download the newest driver and utilities from Internet

WEP (64, 128 bit) encryption, WPA support.

- **Language available in quick user guide:**

German, French,Spanish,Italien,Russien

- **Language available on the retail box:**

German, French,Spanish,Italien,Russien

Specifications

Host interface	•PCI BUS Management Interface
Network Standard	•IEEE 802.11g
Data Rate	•802.11b: 6, 9, 12, 24,36,48,54Mbps •802.11b: 1, 2, 5.5, 11Mbps
Technology	•Direct Sequence Spread Spectrum
Network Architecture Types	•Infrastructure and ad-hoc
Operating Frequency	•2.412-2.462 GHz (N. America); 2.412-2.484 GHz (Japan); 2.412-2.472 GHz (Europe ETSI); 2.457-2.472 GHz (France)
Operating Channels	•11 for N. America, 14 Japan, 13 Europe (ETSI)
RF Output Power	•14 ~ 18 dBm (at nominal temp. range)
Antenna connector	•Reverse connector (RP-SMA) with a detachable antenna
Range	•Indoor 130 ft (40 m), outdoor (LOS, Line-Of-Sight) 1000 ft (310 m) at 11Mbps •Indoor 80 ft (25 m), outdoor (LOS, Line-Of-Sight) 200 ft (60 m) at 54Mbps The range may vary by different environment
Power Consumption	•TX power consumption: 400 mA RX power consumption 300 mA
WEP	•64/128-bit WEP •WPA(including 802.1x, TKIP,...)
Utilities	•**Mobile control center:** Integrate all tools and indicate real time status information on system tray •**Wireless setting:** Diagnose and configure your wireless network settings with on-line trouble shooting feature. •**Mobile manager:** Support automatic roaming and network reconfiguration between different locations •**Site survey:** Explore your wireless networking topology through a handy way •**Live Update:** Download the newest driver and utilities from Internet
Windows XP Compatibility	•Native support for all built-in WLAN functions, like Zeroconfig, Media Sense and 802.1x
Support OS	•Windows 98, ME, 2000 and XP
LED Indicators	•Link
Emissions	•CE Mark;

Asus Pocket Wireless Access Point WL-330

WL-330

Pocket Wireless AP WL-330 is not only a wireless access point (AP) but also a wireless bridge/ repeater and wireless Ethernet adapter; providing superior flexibility when building a wireless environment. Moreover, WL-330 is a plug n' play device. Set up a wireless environment is never difficult to you.

Feature

Pocket Wireless Access Point in credit card size

- Body: 86mm x 62mm x 17mm
- Power adaptor: 46mm x 35mm x 21mm
- Easy portability
- Setup a wireless network anywhere you want

Select AP mode or Ethernet Adapter mode via a hardware switch

AP (Access Point) mode

- Expand or virtually re-deploy your network anywhere, anytime on demand
- Support roaming to other IEEE 802.11b compliant APs connected to Ethernet networks to extend network coverage
- Compatible with all IEEE 802.11b devices
- Connect to external ADSL/cable modem or existing enterprise network via 100Base-T auto-crossover (MDI/MDI-X) Ethernet port.

Ethernet Adapter mode (AP client)

- **Allow all Ethernet-capable devices to go wireless instantly**
- **Operate as an client device, bridging the Ethernet and WLAN**
- **Connect the game console, set top box, notebook, desktop systems and network printers to existing wireless network**
- **Single IP Bridge Environment**
  - Single IP bridge environment is a situation where the WL-330 bridge is connected to a dedicated Ethernet-capable device.
- **MAC cloning**
  - MAC address cloning simplifies installation by copying the MAC address of your existing devices to the WL-330
  - Such as game console
- **Multi-IP Bridge Environment**
  - Connect two or more Ethernet-capable devices to a wireless network from a hub/switch
- **Support Ad-hoc and infrastructure**
  - Configure the WL-330 in Ad-hoc mode for peer-to-peer data transmission. Join multiple-player games on the Internet using high-speed broadband connection. (No access point is required)

Flexible placement to fit any environment

- Stand on the table
- Mount on the wall
- With a USB power cord, it can easily connect to the notebook's Ethernet port

High-sensitivity antenna system

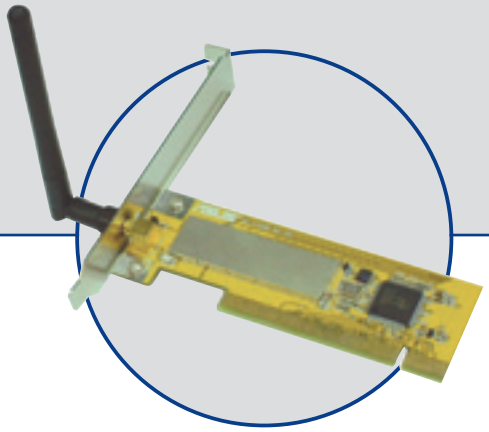
- Two built-in high performance diversity 3D IFA antennas

Easy installation, management and maintenance.

- The WL-330 is a plug n' play device. Driver free, trouble free.
- Automatically detect network environments and set proper IP address
- In Ethernet Adapter mode, the WL-330 automatically searches for and connect to existing APs, very similar to WinXP's zero configuration.
- Pushing the reset button one time will allow the WL-330 to switch to the next AP
- Firmware upgrades through Ethernet or wireless

Specifications

Ethernet interface	• RJ45 for 10/100BaseT with auto crossover MDI/MDI-X
Data Rate	• 11 Mbps with automatic fallback to 5.5, 2 and 1 Mbps
Modulation	• CCK (11Mbps, 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
Technology	• Direct Sequence Spread Spectrum
RF Output Power	• 15 ~ 18 dBm (at nominal temperature range)
Antenna	• 2 internal diversity IFA antennas
Range	• Indoor 130ft (40m), semi-open 330ft (100m), outdoor (LOS, Line-Of-Sight) 1500ft (457m) • The range may vary depending on the environment
Receiver Sensitivity	• PER< 8% @ length=1024 octets (at nominal emperature range) • 11Mbps: -82 ~ -85 dBm; 5.5Mbps: -85 ~ -88 dBm; • 2 Mbps: -88 ~ -91 dBm; 1 Mbps: -91 ~ -93 dBm
Operating Frequency	• 2.412-2.462GHz (N. America); 2.412-2.484GHz (Japan); 2.412-2.472GHz (Europe ETSI)
WEP	• 64/128-bit WEP; each includes 4 user-defined keys • Firmware upgradeable to support WPA
Utilities	• Web-based management: User-friendly utility to • discover and configure Access Points settings and show client statistics • Rescue program: Recover flash image if failure • occurs during firmware upgrade.
Hardware Switch	• Select system operating modes using a hardware switch • Access Point provides roaming capability between Access Points • Ethernet Adapter mode (AP client): Act as a client station to connect with existing Access Points and wirelessly bridge traffic from Ethernet port to remote networks.
Hardware Button	• Press 1 second to search for next compatible AP in Ethernet adapter mode • Press 5 seconds to restore all settings to factory default
LED Indicators	• Power, Wireless, Ethernet
DC Power Adapter	• AC Input: 100V~240V(50~60HZ); DC Output: 4V with max. 1 A current • Compact: 46(L)°—35(W)°—21(H) mm (not including Terminals & Wires)
Operating Temperature	• 0 ~ 55°C
Storage Temperature	• -20~ 70°C
Humidity	• 5~95% (non-condensing)
Emissions	• ETS 300 328 and ETS 300 826; CE Mark; FCC Part 15C, Section 15.247
Size	• 86 mm L* 62 mm W* 17 mm H
Weight	• 62g (2.187oz, not including power adapter and cables)
Warranty	• 2-Year Limited Warranty



WL-130b

Feature

- **PCI bus power management interface specification 1.0 compliant**
- **ACPI 1.0 compliant**
- **IEEE 802.11b standard for 2.4 GHz Wireless LAN**
- **64/128 bit WEP encryption, driver upgradeable to support WPA**
- **PCI local bus specification Revision 2.2 compliant**
- **Reverse connector with a detachable antenna**
- **Supports Windows XP/98/ME/2000**

- **Rich add-on features and utilities**

Mobile control center:

Integrate all tools and indicate real time status information on system tray

Wireless setting:

Diagnose and configure your wireless network settings with on-line trouble shooting feature.

Mobile manager:

Support automatic roaming and network reconfiguration between different locations

Site survey:

Explore your wireless networking topology through a handy way

Live Update:

Download the newest driver and utilities from Internet

WEP (64, 128 bit) encryption, WPA support.

Specifications

Host interface	•PCI BUS Management Interface
Network Standard	•IEEE 802.11b
Data Rate	•802.11b: 1, 2, 5.5, 11Mbps
Modulation	•CCK (11Mbps, 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
Technology	•Direct Sequence Spread Spectrum
Network Architecture Types	•Infrastructure and ad-hoc
Operating Frequency	•2.412-2.462 GHz (N. America); 2.412-2.484 GHz (Japan); 2.412-2.472 GHz (Europe ETSI); 2.457-2.472 GHz (France)
Operating Channels	•11 for N. America, 14 Japan, 13 Europe (ETSI)
RF Output Power	•14 ~ 18 dBm (at nominal temp. range)
Antenna connector	•Reverse connector (RP-SMA) with a detachable antenna
Range	•Indoor 130 ft (40 m), outdoor (LOS, Line-Of-Sight) 1000 ft (310 m) at 11Mbps •Indoor 80 ft (25 m), outdoor (LOS, Line-Of-Sight) 200 ft (60 m) at 54Mbps The range may vary by different environment
Power Consumption	•TX power consumption: 400 mA RX power consumption 300 mA
WEP	•64/128-bit WEP •WPA(including 802.1x, TKIP,...)
Utilities	•**Mobile control center:** Integrate all tools and indicate real time status information on system tray •**Wireless setting:** Diagnose and configure your wireless network settings with on-line trouble shooting feature. •**Mobile manager:** Support automatic roaming and network reconfiguration between different locations •**Site survey:** Explore your wireless networking topology through a handy way •**Live Update:** Download the newest driver and utilities from Internet
Windows XP Compatibility	•Native support for all built-in WLAN functions, like Zeroconfig, Media Sense and 802.1x
Support OS	•Windows 98, ME, 2000 and XP
LED Indicators	•Link
Emissions	•CE Mark;